



DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES

DIVISION OF PROCUREMENT SERVICES

STATE OF MAINE

PROCUREMENT JUSTIFICATION FORM (PJF)

PART I: OVERVIEW

Department Office/Division/Program:		Department of Transportation/Bureau of Project Development	
Department Contract Administrator or Grant Coordinator:		Jennifer Chisum	
(If applicable) Department Reference #:			
Amount: (Contract/Amendment/Grant)	\$720,000/est 1st contract year \$900,00/est 2nd contract year \$983,000/est 3rd contract year	Advantage CT / RQS #:	2023040400000002555
CONTRACT	Proposed Start Date:	12/1/2023	Proposed End Date: 11/30/2033
AMENDMENT	Original Start Date:		Effective Date:
	Previous End Date:		New End Date:
GRANT	Project Start Date:		Grant Start Date:
	Project End Date:		Grant End Date:
Vendor/Provider/Grantee Name, City, State:		Bentley Systems, Inc. Exton, PA	
Brief Description of Goods/Services/Grant:		Computer Aided Design and Drafting (CADD) Services	

PART II: JUSTIFICATION FOR VENDOR SELECTION

Check the box below for the justification(s) that applies to this request. (Check all that apply.)

<input type="checkbox"/>	A. Competitive Process	<input type="checkbox"/>	G. Grant
<input type="checkbox"/>	B. Amendment	<input type="checkbox"/>	H. State Statute/Agency Directed
<input checked="" type="checkbox"/>	C. Single Source/Unique Vendor	<input type="checkbox"/>	I. Federal Agency Directed
<input type="checkbox"/>	D. Proprietary/Copyright/Patents	<input type="checkbox"/>	J. Willing and Qualified
<input type="checkbox"/>	E. Emergency	<input type="checkbox"/>	K. Client Choice
<input type="checkbox"/>	F. University Cooperative Project	<input type="checkbox"/>	L. Other Authorization

Please respond to ALL of the questions in the following sections.

PART III: SUPPLEMENTAL INFORMATION

1. Provide a more detailed description and explain the need for the goods, services or grant to supplement the response in Part I.

Computer-Aided Design and Drafting (CADD) is the use of computers to create, modify or optimize a design. It helps the user with productivity as well as increases the quality and communication around the design. CADD has been essential to the project development process for over twenty years at MaineDOT. It provides the creation of electronic files which can be universally shared across the Department for

PART III: SUPPLEMENTAL INFORMATION

communication of the design, as well as with consultants, contractors and project stakeholders. These files have been traditionally 2D and have been used to produce paper plans but have evolved into 3D models and have the potential of becoming 4D (time) and 5D (cost) as well. Data from the CADD files of a project can also be extracted for long-term asset management.

2. Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the RFP number, if applicable.

MaineDOT has used Bentley software for almost as long as it has been using CADD software. As a result, Bentley software has become institutionalized in the Department. The common file formats and interface has also allowed for easier workflow transitions as the software has evolved over time. Bentley software has also had backwards compatibility or ability to upgrade files without loss of data or having major translation issues. As a result, the Department has been able to access older projects for information, instead of having to re-create CADD data, creating further efficiency in project development.

Most recently, in 2018, MaineDOT piggybacked off an RFP from the Texas Department of Transportation for a five-year contract with Bentley. At the time, the only competition was from Autodesk. In 2022, MaineDOT contracted with a consultant, EnvisionCAD, for over \$1.1 million to migrate from Bentley's MicroStation and InRoads V8i SELECT Series to OpenRoads Designer CONNECT Edition for the ability to produce advanced design models for construction and for future asset management.

Given the investment made in Bentley software by the Department, the amount of data that has been created with Bentley software, the familiarity of the staff with the common file formats, and the fact that Autodesk remains Bentley's sole serious competitor, it does not make sense to seek a competitive bid process for these services at this time.

3. Explain how the negotiated costs or rates are fair and reasonable; or how the funding was allocated to grantee.

While costs are not yet available, Bentley has a subscription model where the pricing is based on assumed usage year-over-year, with the ability for both sides to negotiate if that usage changes. If usage increases, Bentley can demand to negotiate. If it decreases, MaineDOT can demand to negotiate. There are also extra development services that can be purchased for special initiatives. Negotiations with Bentley are expected to take place as soon as the PJF is approved.

4. Describe the plan for future competition for the goods or services.

The Department will continue to monitor CADD software in the marketplace to see if another serious competitor to Bentley emerges. Technology is changing so that project deliverables will be in a universal data format and that could also impact the vendor-specific need for CADD software. If any of these situations develop so that multiple viable alternatives are available, the Department may choose to use the competitive bid process once again for CADD Services.

PART IV: AMERICAN RESCUE PLAN ACT (ARPA) / MAINE JOBS & RECOVERY PLAN (MJRP)



Does this request utilize ARPA/MJRP funds?

Yes – If Yes, please attach the approved Business Case(s).

No – If No, proceed to Part V.

PART V: APPROVALS

The signatures below indicate approval of this procurement request.

Signature of requesting Department's Commissioner (Or designee):			
Typed Name:	William Pulver, Chief Operating Officer	Date:	2-16-2023
Signature of DAFS Procurement Official:	DocuSigned by: 	DS DM	5/3/2023
Typed Name:	Joseph Zrioka, Director of IT Procurement	Date:	3/9/2023